

## Message Text

UNCLASSIFIED

PAGE 01 VIENNA 04926 311703Z

ACTION IO-14

INFO OCT-01 EUR-12 ISO-00 NSCE-00 INRE-00 AF-10 ARA-14

EA-12 NEA-11 OIC-02 ACDA-12 CIAE-00 INR-10 L-03

NSAE-00 EB-08 NRC-07 OES-07 SOE-02 DODE-00 SS-15

SP-02 CEQ-01 PM-05 OMB-01 TRSE-00 SSO-00 /149 W

-----024265 311706Z /46

O 311651Z MAY 78

FM AMEMBASSY VIENNA

TO SECSTATE WASHDC IMMEDIATE 6582

INFO USDOEHQ WASHDC IMMEDIATE

USDOEHQ GERMANTOWN IMMEDIATE

UNCLAS VIENNA 04926

USIAEA

DEPT PASS IO/SCT AND S/AS

DOE PASS AMMONS, IA

E.O. 11652: N/A

TAGS: AORG, IAEA

SUBJECT: IAEA BOARD OF GOVERNORS MEETING - JUNE 6-7 --

AGENDA ITEM 10(A)

REF: A) VIENNA 4637, B) VIENNA 4663

1. MISSION HAS RECEIVED AND REVIEWED AGENCY'S REPORT (GOV/1901) ON PROVISION OF TECHNICAL ASSISTANCE WITH SPECIAL REFERENCE TO 1977 AND WE INTEND TO SUPPORT ITS APPROVAL WHEN CONSIDERED BY BG NEXT WEEK.

2. REPORT FOCUSES THIS YEAR ESPECIALLY ON MANPOWER DEVELOPMENT FOR NUCLEAR POWER PROJECTS, WHICH SHOULD GIVE MANY DEVELOPING COUNTRIES REASON TO PAUSE AND REFLECT ON THEIR AMBITIONS TO INTRODUCE NUCLEAR POWER DURING THE NEXT SEVERAL YEARS. REPORT NOTES, FOR EXAMPLE, ESTIMATED UNCLASSIFIED

UNCLASSIFIED

PAGE 02 VIENNA 04926 311703Z

MINIMUM OF 14-15 MILLION MAN-HOURS REQUIRED FOR CONSTRUCTION OF ONE 800-1200 MWE LIGHT-WATER POWER REACTOR, INCLUDING ABOUT 12 MILLION MAN-HOURS' WORK OF CRAFTSMEN, SUCH AS WELDERS, ELECTRICIANS, MASONS, PIPE-FITTERS AND BOILER-MAKERS, PLUS OVER ONE MILLION MAN-HOURS OF PROJECT ENGINEERS, QUALITY ASSURANCE, SURVEILLANCE AND OTHER PROJECT MANAGERIAL STAFF. OPERATION AND MAINTENANCE OF

SUCH PLANT REQUIRES 150-200 OR MORE MANAGERS, ENGINEERS, OPERATORS MECHANICS, ELECTRICIANS AND OTHER CRAFTSMEN. IN ADDITION, A COMPETENT AND EFFECTIVE REGULATORY ORGANIZATION REQUIRES STAFF OF AT LEAST 15 FOR FIRST NUCLEAR POWER PROJECT AND AN EXPANDED STAFF OF ABOUT 50 MANAGERS, ENGINEERS, SITING SPECIALISTS, RADIATION PROTECTION EXPERTS AND OTHER QUALIFIED PERSONNEL FOR A PROGRAM INVOLVING SEVERAL NUCLEAR POWER PLANTS. THE FIRST QUALIFIED STAFF ARE NEEDED ABOUT 12 YEARS BEFORE THE FUEL IS LOADED INTO THE REACTOR. IN SHORT, IT IS CLEAR THAT THERE MUST BE CONSIDERABLE ADVANCE PLANNING AND AN ADEQUATE PROGRAM FOR MANPOWER DEVELOPMENT FOR ANY COUNTRY EMBARKING ON A NUCLEAR POWER PROJECT.

3. AGENCY'S REPORT ALSO FOCUSES THIS YEAR ON USE OF NUCLEAR TECHNIQUES IN AGRICULTURE, WHICH CONSTITUTES ABOUT 20 PERCENT OF AGENCY'S TECHNICAL ASSISTANCE PROGRAM.

4. REPORT CONTAINS CONSIDERABLE STATISTICAL DATA AND OTHER INFORMATION CONCERNING AGENCY'S TECHNICAL ASSISTANCE PROGRAM, INCLUDING, FOR EXAMPLE, FACT THAT 55 PERCENT OF EQUIPMENT PROVIDED (\$1,680,000) WAS PURCHASED IN USA, AND 14 PERCENT OF EXPERTS SERVING IN PROGRAM (54) CAME FROM USA.

5. REPORT ALSO HIGHLIGHTS GROWING PROBLEM IN USE OF NON-UNCLASSIFIED

UNCLASSIFIED

PAGE 03 VIENNA 04926 311703Z

CONVERTIBLE CURRENCIES (SEE ESPECIALLY PARAS 92-96). AGENCY ESTIMATES THAT UNOBLIGATED HOLDINGS IN THESE CURRENCIES BY END OF 1978 WILL AMOUNT TO \$2.3 MILLION. THE AGENCY IS CAUGHT IN A BIND, SINCE IT HAS BEEN RESPONDING TO URGINGS OF MEMBER STATES TO INCREASE THE RATE OF DELIVERY OF TECHNICAL ASSISTANCE, WHICH RESULTS IN A REDUCTION OF THE UNOBLIGATED BALANCES. AS THE UNOBLIGATED BALANCES ARE FURTHER REDUCED, HOWEVER, THE CONVERTIBLE CURRENCIES REMAINING WILL EVENTUALLY BE EXHAUSTED LEAVING ONLY A SIZEABLE AMOUNT OF NON-CONVERTIBLE CURRENCIES WHICH CANNOT BE USED TO IMPLEMENT THE REMAINING APPROVED ASSISTANCE PROJECTS. THIS IS EXPECTED TO LEAD TO A CASH LIQUIDITY CRISIS IN THE AGENCY'S TECHNICAL ASSISTANCE PROGRAM IN THE NEAR FUTURE UNLESS CORRECTIVE STEPS ARE TAKEN, WHICH THE AGENCY MAY HAVE TO DO LATER THIS YEAR, IN CONNECTION WITH IMPLEMENTATION OF THE 1979 PROGRAM. FYI. MISSION BELIEVES IT WILL BE NECESSARY FOR MAJOR DONORS TO AGENCY'S TECHNICAL ASSISTANCE PROGRAM, INCLUDING U.S. IN PARTICULAR, TO COME TO GRIPS WITH THIS PROBLEM DURING THE COMING YEAR. END FYI. KIRK

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 31 may 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 jan 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1978VIENNA04926  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D780227-0620  
**Format:** TEL  
**From:** VIENNA USIAEA  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1978/newtext/t1978051/aaaaaahf.tel  
**Line Count:** 114  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** ac4fbe92-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION IO  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 3  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 78 VIENNA 4637, 78 VIENNA 4663  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 29 mar 2005  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** N/A  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 2502801  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** IAEA BOARD OF GOVERNORS MEETING - JUNE 6-7 -- AGENDA ITEM 10(A)  
**TAGS:** AORG, IAEA  
**To:** STATE  
**Type:** TE  
**vdkgvwkey:** odbc://SAS/SAS.dbo.SAS\_Docs/ac4fbe92-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
US Department of State  
EO Systematic Review  
20 Mar 2014  
**Markings:** Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014